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 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
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TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

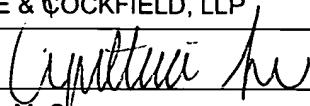
Total Number of Pages in This Submission

Application Number	10/786710-Conf. #3651
Filing Date	February 24, 2004
First Named Inventor	Mark L. NELSON
Art Unit	1626
Examiner Name	A. B. Freistein
Attorney Docket Number	PAZ-025CPCN

ENCLOSURES (Check all that apply)

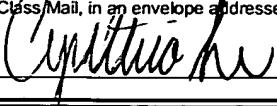
<input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/ Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Return Receipt Postcard PTO form SB/08 Certificate of Mailing Copies of Ten (10) References
Remarks		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name	LAHIVE & COCKFIELD, LLP		
Signature			
Printed name	Cynthia M. Soroos		
Date	June 6, 2006	Reg. No.	53,623

I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being deposited with the U.S. Postal Service on the date shown below with sufficient postage as First Class Mail, in an envelope addressed to: MS Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Dated: June 6, 2006

Signature:  (Cynthia M. Soroos)



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Effective on 12/08/2004.

Fee pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).

FEE TRANSMITTAL For FY 2005

Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT **(\$)** **180.00**

Complete if Known	
Application Number	10/786710-Conf. #3651
Filing Date	February 24, 2004
First Named Inventor	Mark L. NELSON
Examiner Name	A. B. Freistein
Art Unit	1626
Attorney Docket No.	PAZ-025CPCN

METHOD OF PAYMENT (check all that apply)

Check Credit Card Money Order None Other (please identify): _____
 Deposit Account Deposit Account Number: 12-0080 Deposit Account Name: Lahive & Cockfield, LLP

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

Charge fee(s) indicated below Charge fee(s) indicated below, except for the filing fee
 Charge any additional fee(s) or underpayment of Credit any overpayments
 fee(s) under 37 CFR 1.16 and 1.17

FEE CALCULATION

1. BASIC FILING, SEARCH, AND EXAMINATION FEES

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	
Utility	300	150	500	250	200	100	
Design	200	100	100	50	130	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	

2. EXCESS CLAIM FEES

Fee Description

Each claim over 20 (including Reissues)

Small Entity
Fee (\$)

50 25

Each independent claim over 3 (including Reissues)

200 100

Multiple dependent claims

360 180

Total Claims	Extra Claims	Fee (\$)	Fee Paid (\$)	Multiple Dependent Claims	
_____	- = _____	x _____	= _____	Fee (\$)	Fee Paid (\$)
Indep. Claims	Extra Claims	Fee (\$)	Fee Paid (\$)	_____	_____
_____	- = _____	x _____	= _____	_____	_____

3. APPLICATION SIZE FEE

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof	Fee (\$)	Fee Paid (\$)
_____	- 100 = _____	/50 (round up to a whole number) x _____	= _____	Fee Paid (\$)

4. OTHER FEE(S)

Non-English Specification, \$130 fee (no small entity discount)

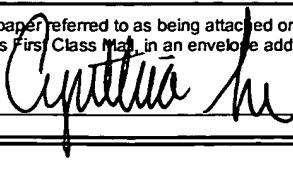
Other (e.g., late filing surcharge): 1806 Submission of an Information Disclosure Statement 180.00

SUBMITTED BY

Signature		Registration No. (Attorney/Agent)	53,623	Telephone	(617) 227-7400
Name (Print/Type)	Cynthia M. Soroos			Date	June 6, 2006

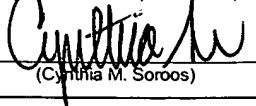
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Dated: June 6, 2006

Signature:  (Cynthia M. Soroos)

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Dated: June 6, 2006

Signature: 

(Cynthia M. Soroos)

Docket No.: PAZ-025CPCN
(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:
Mark L. Nelson *et al.*

Application No.: 10/786710

Confirmation No.: 3651

Filed: February 24, 2004

Art Unit: 1626

For: 7- AND9- CARBAMATE, UREA,
THIOUREA, THIOCARBAMATE, AND
HETEROARYL-AMINO SUBSTITUTED
TETRACYCLINE COMPOUNDS

Examiner: A. B. Freistein

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT (SIDS)

MS Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

In accordance with 37 CFR 1.97, Applicants hereby make of record the following additional documents. A PTO Form SB/08 and a full copy of each of the documents required under 37 CFR 1.98(a)(2) accompany this statement.

This Information Disclosure Statement is filed more than three months after the U.S. filing date, and after the mailing date of the first Office Action on the merits, but before the mailing date of a Final Office Action or Notice of Allowance (37 CFR 1.97(c)).

Applicants have not submitted copies of each cited U.S. patent and U.S. patent application in accordance with 37 CFR 1.98(a)(2)(ii). Applicants submit herewith copies of foreign patents and non-patent references in accordance with 37 CFR 1.98(a)(2).

This statement is not to be interpreted as a representation that the cited documents are material, that an exhaustive search has been conducted, or that no other relevant information exists. Nor shall the citation of any document herein be construed *per se* as a representation that

06/09/2006 HDESTA1 00000001 120080 10786710
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such document is prior art. Moreover, Applicants understand the Examiner will make an independent evaluation of the cited documents.

Applicants bring to the Examiner's attention the following co-pending applications:

U.S. Serial No.	10/652712	Filing Date	08/28/03
U.S. Serial No.	11/305048	Filing Date	12/16/05
U.S. Serial No.	11/397445	Filing Date	04/04/06
U.S. Serial No.	10/738862	Filing Date	12/16/03
U.S. Serial No.	10/839023	Filing Date	05/04/04
U.S. Serial No.	10/921580	Filing Date	08/18/04
U.S. Serial No.	10/692563	Filing Date	10/24/03
U.S. Serial No.	10/943571	Filing Date	09/16/04
U.S. Serial No.	10/996119	Filing Date	11/22/04
U.S. Serial No.	11/283571	Filing Date	11/18/05
U.S. Serial No.	10/619653	Filing Date	07/14/03
U.S. Serial No.	10/636437	Filing Date	08/06/03
U.S. Serial No.	11/292552	Filing Date	12/02/05
U.S. Serial No.	10/752378	Filing Date	01/05/04
U.S. Serial No.	10/737361	Filing Date	12/15/03
U.S. Serial No.	10/740961	Filing Date	12/18/03
U.S. Serial No.	10/692764	Filing Date	10/24/03
U.S. Serial No.	10/786881	Filing Date	02/24/04
U.S. Serial No.	10/877928	Filing Date	06/25/04
U.S. Serial No.	11/039230	Filing Date	01/18/05
U.S. Serial No.	10/877454	Filing Date	06/25/04
U.S. Serial No.	11/330700	Filing Date	01/12/06
U.S. Serial No.	11/258622	Filing Date	10/25/05
U.S. Serial No.	11/258613	Filing Date	10/25/05
U.S. Serial No.	11/348608	Filing Date	02/06/06
U.S. Serial No.	11/182247	Filing Date	07/14/05
U.S. Serial No.	11/004559	Filing Date	12/03/04
U.S. Serial No.	10/616531	Filing Date	07/09/03
U.S. Serial No.	11/390902	Filing Date	03/28/06
U.S. Serial No.	10/982728	Filing Date	11/04/04
U.S. Serial No.	10/819343	Filing Date	04/05/04
U.S. Serial No.	10/820456	Filing Date	04/07/04
U.S. Serial No.	10/866220	Filing Date	06/10/04
U.S. Serial No.	11/300917	Filing Date	12/15/05

Please charge our Deposit Account No. 12-0080 in the amount of \$180.00 covering the fee set forth in 37 CFR 1.17(p). The Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper

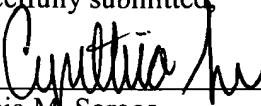
hereafter filed in this application by this firm) to our Deposit Account No. 12-0080, under Order No. PAZ-025CPCN. A duplicate copy of this paper is enclosed.

Dated: June 6, 2006

CMS/MLR/mch

Respectfully submitted,

By


Cynthia M. Soroos
Registration No.: 53,623
LAHIVE & COCKFIELD, LLP
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Boston, Massachusetts 02109
(617) 227-7400
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Attorney/Agent For Applicant



JUN 08 2006

PTO/SB/08a/b (07-05)

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Substitute for form 1449A/B/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet	1	of	2	Attorney Docket Number	PAZ-025CPCN
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U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
A1*	US-3,341,585		09-12-1967	Bitha, P., et al.	
A2*	US-3,345,410		10-03-1967	Winterbottom, Robert, et al.	
A3*	US-3,373,196		03/1968	Bitha and Hlavka	
A4*	US-3,518,306		06-30-1970	Martell Jr., M.J. et al.	
A5*	US-3,579,579		05-18-1971	Hlavka, J.J., et al.	
A6*	US-5,248,797		09-28-1993	Sum, P-E	
A7*	US-5,371,076		12-06-1994	Lee, V.J., et al.	
A8*	US-5,442,059		08-15-1995	Sum, et al.	
A9*	US-5,495,030		02-27-1996	Sum, P-E, et al.	
A10*	US-5,567,692		10-22-1996	Sum, P-E, et al.	
A11*	US-5,639,742		06-17-1997	Lee, V.J., et al.	
A12*	US-6,818,634-A1		08-01-2002	Nelson et al.	
A13*	US-20020123637-A1		09-05-2002	LEVY et al.	
A14*	US-20020128237-A1		09-12-2002	Nelson et al.	
A15*	US-20020128238-A1		09-12-2002	Nelson et al.	
A16*	US-20020132798-A1		09-19-2002	Nelson et al.	
A17*	US-6,500,812-A1		12-31-2002	Nelson et al.	
A18*	US-6,841,546-A1		05-29-2003	Draper et al.	
A19*	US-6,846,939-A1		07-03-2003	Nelson et al.	
A20*	US-20030215873-A1		11-20-2003	Alekshun et al.	
A21*	US-20040033996-A1		02-19-2004	Nelson et al.	
A22*	US-20040048835-A1		03-11-2004	Nelson et al.	
A23*	US-20040063674-A1		04-01-2004	Levy et al.	
A24*	US-20040092490-A1		05-13-2004	Draper et al.	
A25*	US-20040138183-A1		07-15-2004	Nelson et al.	
A26*	US-20040152674-A1		08-05-2004	Levy et al.	
A27*	US-20040157806-A1		08-12-2004	Nelson et al.	
A28*	US-20040204378-A1		10-14-2004	Nelson et al.	
A29*	US-20040214800-A1		10-28-2004	Levy et al.	
A30*	US-20040214801-A1		10-28-2004	Nelson et al.	
A31*	US-20040242548-A1		12-02-2004	Draper et al.	
A32*	US-6,833,365-A1		12-21-2004	Levy et al.	
A33*	US-20040266740-A1		12-30-2004	Huss et al.	
A34*	US-20050020545-A1		01-27-2005	Draper et al.	
A35*	US-6,849,615-A1		02-01-2005	Nelson et al.	
A36*	US-20050026875-A1		02-03-2005	Nelson et al.	
A37*	US-20050026876-A1		02-03-2005	Nelson et al.	
A38*	US-20050038002-A1		02-17-2005	Nelson et al.	
A39*	US-20050070510-A1		03-31-2005	Draper et al.	
A40*	US-20050119235-A1		06-02-2005	Nelson et al.	
A41*	US-20050137174-A1		06-23-2005	Ohemeng et al.	
A42*	US-20050143352-A1		06-30-2005	Nelson et al.	
A43*	US-20050143353-A1		06-30-2005	Nelson et al.	
A44*	US-20050148551-A1		07-07-2005	Nelson et al.	
A45*	US-20050187198-A1		08-25-2005	Nelson et al.	

Examiner Signature	Date Considered
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Substitute for form 1449A/B/PTO				Complete if Known	
				Application Number	10/786710-Conf. #3651
				Filing Date	February 24, 2004
				First Named Inventor	Mark L. NELSON
				Art Unit	1626
				Examiner Name	A. B. Freistein
Sheet	2	of	2	Attorney Docket Number	PAZ-025CPCN

A46*	US-20050215532-A1	09-29-2005	Levy et al.	
A47*	US-20050250744-A1	11-10-2005	Levy et al.	
A48*	US-20050288262-A1	12-29-2005	Bandarage et al.	
A49*	US-20060003971-A1	01-05-2006	Nelson	
A50*	US-7,001,918-A1	02-21-2006	Huss et al.	
A51*	US-20060084634-A1	04-20-2006	Huss et al.	
A52*	US-20060084678-A1	04-20-2006	Alekshun et al.	
A53*	US-20060089336-A1	04-27-2006	Nelson et al.	
A54*	US-7,045,507-A1	05-16-2006	Draper et al.	

FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No. ¹	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³	Number ⁴ -Kind Code ⁵ (if known)				
	B1	EP	0582829-B1	02-16-1994	American Cyanamid Company		
	B2	EP	0618190-B1	10-05-1994	Wyeth Holdings Corporation		
	B3	WO	01/19784-A1	03-22-2001	Trustees of Tufts College		
	B4	WO	01/74761-A1	10-11-2001	Trustees of Tufts College		

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NON PATENT LITERATURE DOCUMENTS						
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.				T ²
	C1	Barden, Timothy C. et al, "Glycylcyclines". 3. 9-Aminodoxycyclinecarboxamides," <i>J. Med. Chem.</i> , Vol. 37:3205-3211 (1994)				
	C2	Koza, Darrell J., "Synthesis of 7-Substituted Tetracycline Derivatives," <i>Organic Letters</i> , Vol. 2(6):815-817 (2000)				
	C3	Koza, Darrell J. et al, "Palladium Catalyzed C-N Bond Formation in the Synthesis of 7-Amino-Substituted Tetracyclines," <i>J. Org. Chem.</i> , Vol. 67:5025-5027 (2002)				
	C4	Koza, Darrell J. et al, "Synthesis and Biological Evaluation of 9-Substituted Tetracycline Derivatives," <i>Bioorganic & Medicinal Chemistry Letters</i> , Vol. 12:2163-2165 (2002)				
	C5	Sum, Phaik-Eng et al, "Glycylcyclines. 1. A New Generation of Potent Antibacterial Agents through Modification of 9-Aminotetracyclines," <i>J. Med. Chem.</i> , Vol. 37:184-188 (1994)				
	C6	Sum, Phaik-Eng et al, "Synthesis and Structure-Activity Relationship of Novel Glycylcycline Derivatives Leading to the Discovery of GAR-936," <i>Bioorganic & Medicinal Chemistry Letters</i> , Vol. 9:1459-1462 (1999)				

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature	Date Considered
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PTO/SB/92 (09-04)

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Application No. (if known): 10/786710

Attorney Docket No.: PAZ-025CPCN

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on June 6, 2006
Date

Signature

Cynthia M. Soroos

Typed or printed name of person signing Certificate

53,623
Registration Number, if applicable

(617) 227-7400
Telephone Number

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Transmittal (1 page)
Fee Transmittal (1 page, in duplicate)
Supplemental Information Disclosure Statement (3 pages, in duplicate)
PTO form SB/08 (64 References) (2 pages)
Copies of Ten (10) References